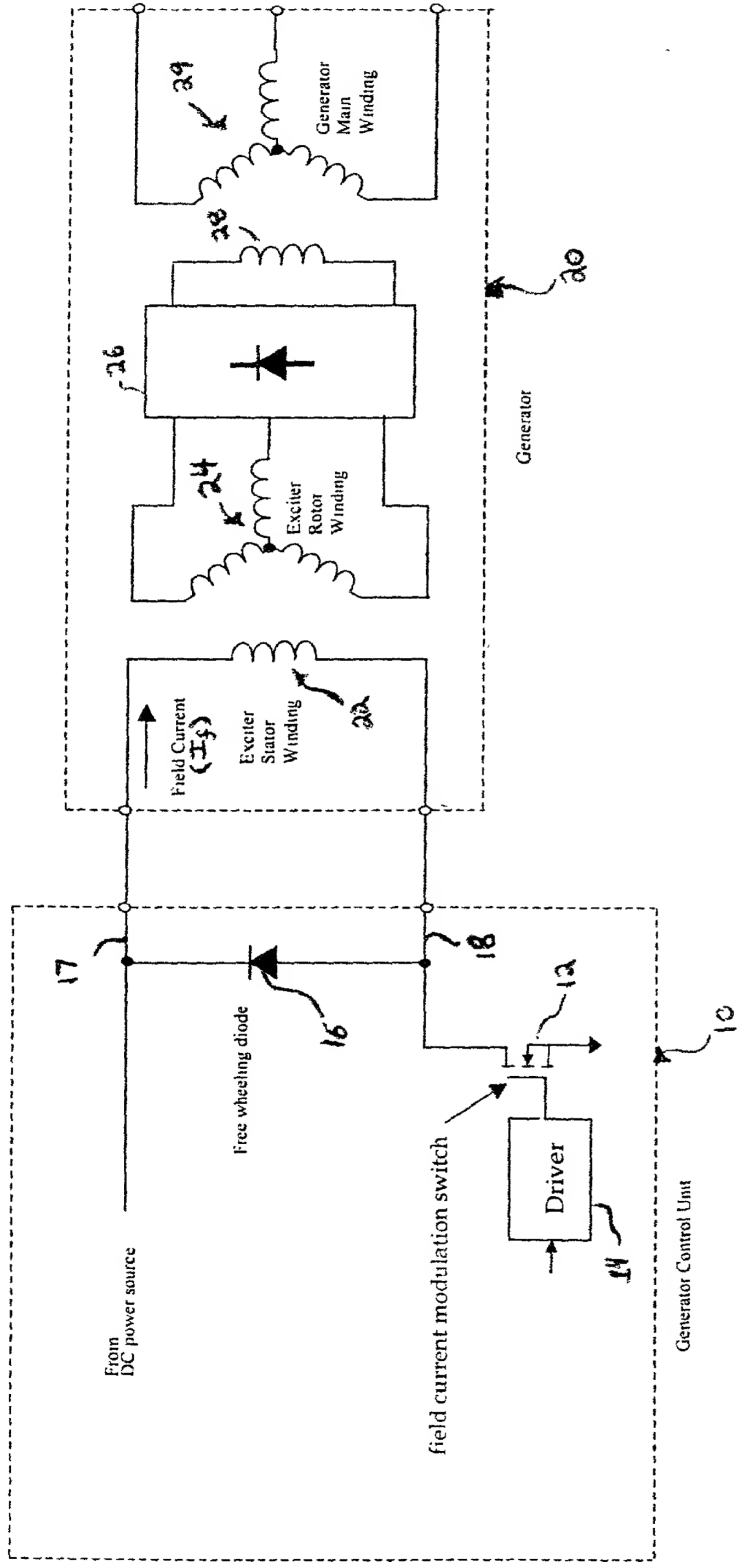


FIG. 1 is a schematic diagram of a generator control system. The system includes a DC power source (17) connected to a free wheeling diode (16). The diode is connected to the field current modulation switch (18). The switch is controlled by a driver (14) which receives a signal from the generator control unit (10). The switch is connected to the exciter stator winding (22) which carries a field current (If). The exciter stator winding is connected to the exciter rotor winding (24) through a diode (26). The exciter rotor winding is connected to the generator main winding (28) through a diode (29).



CONVENTIONAL ART

FIG. 1

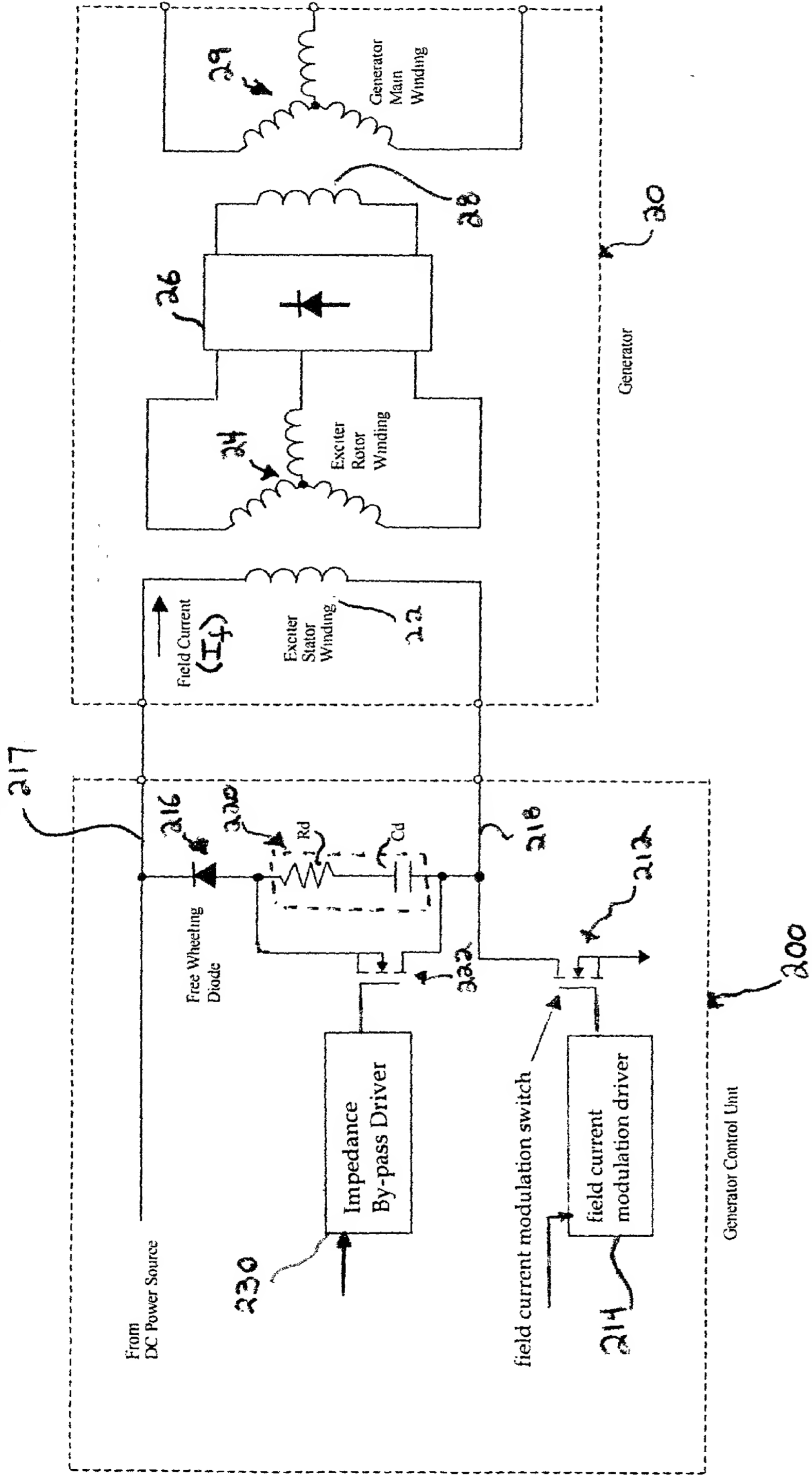


FIG. 2

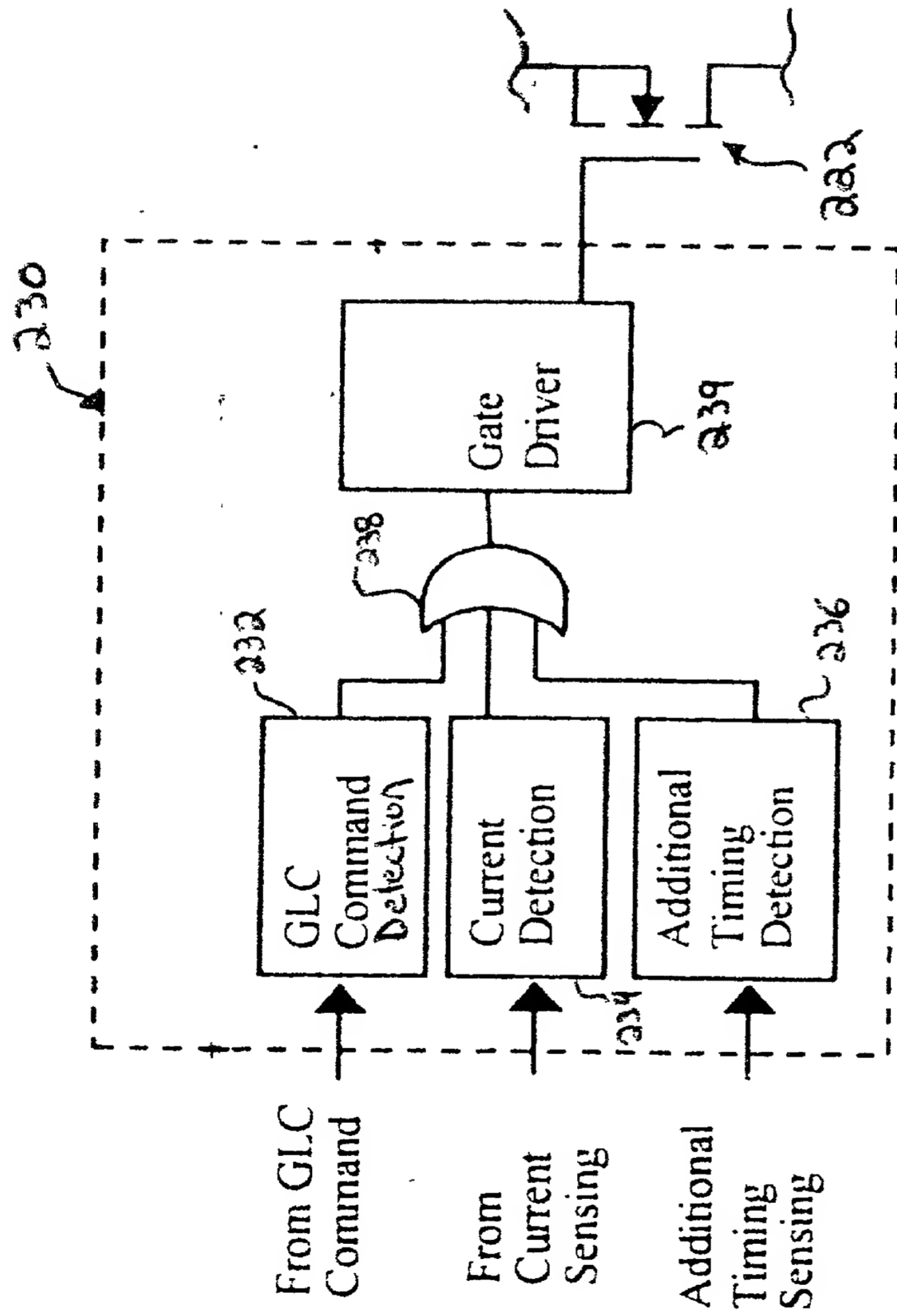


FIG. 3

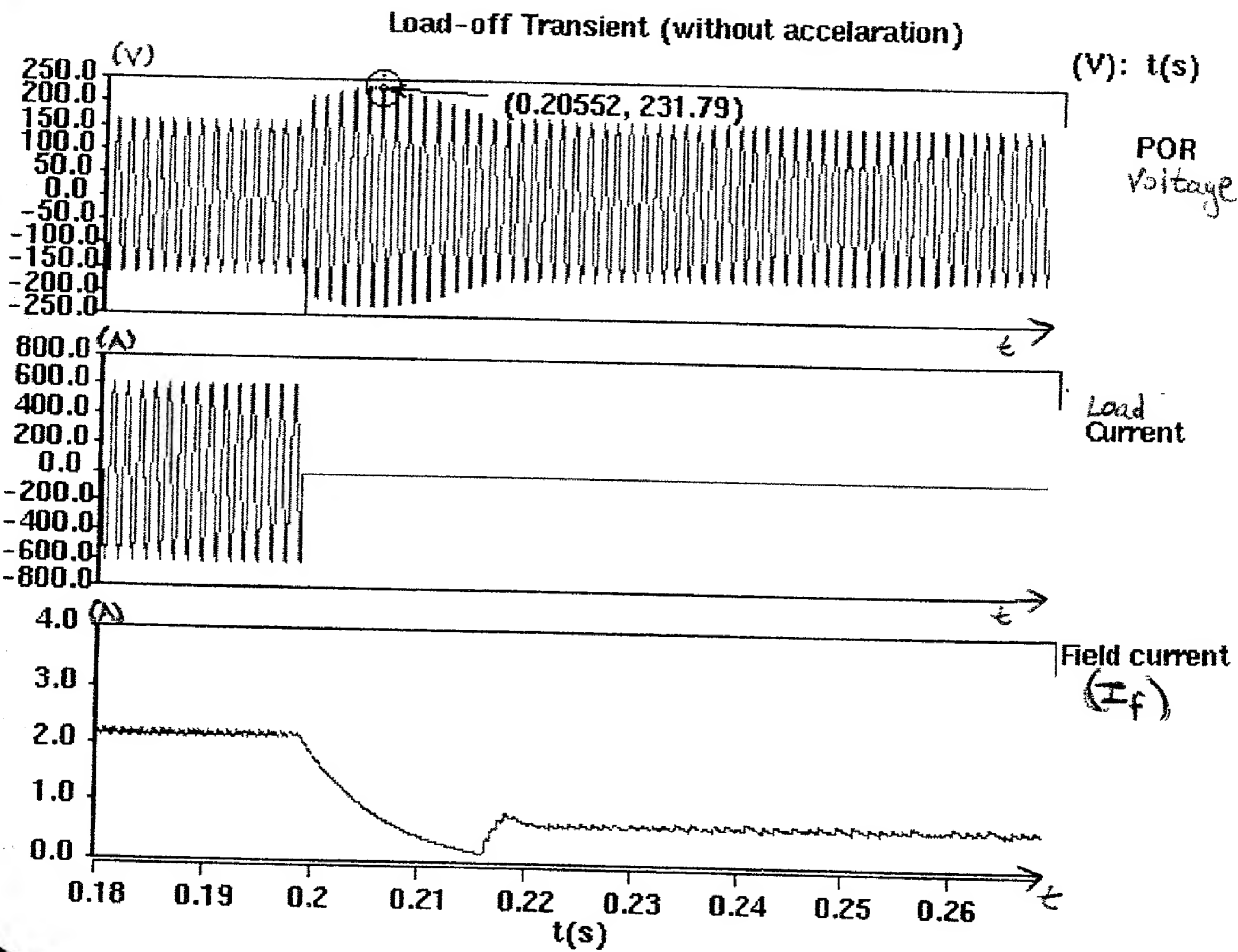


FIG. 4A

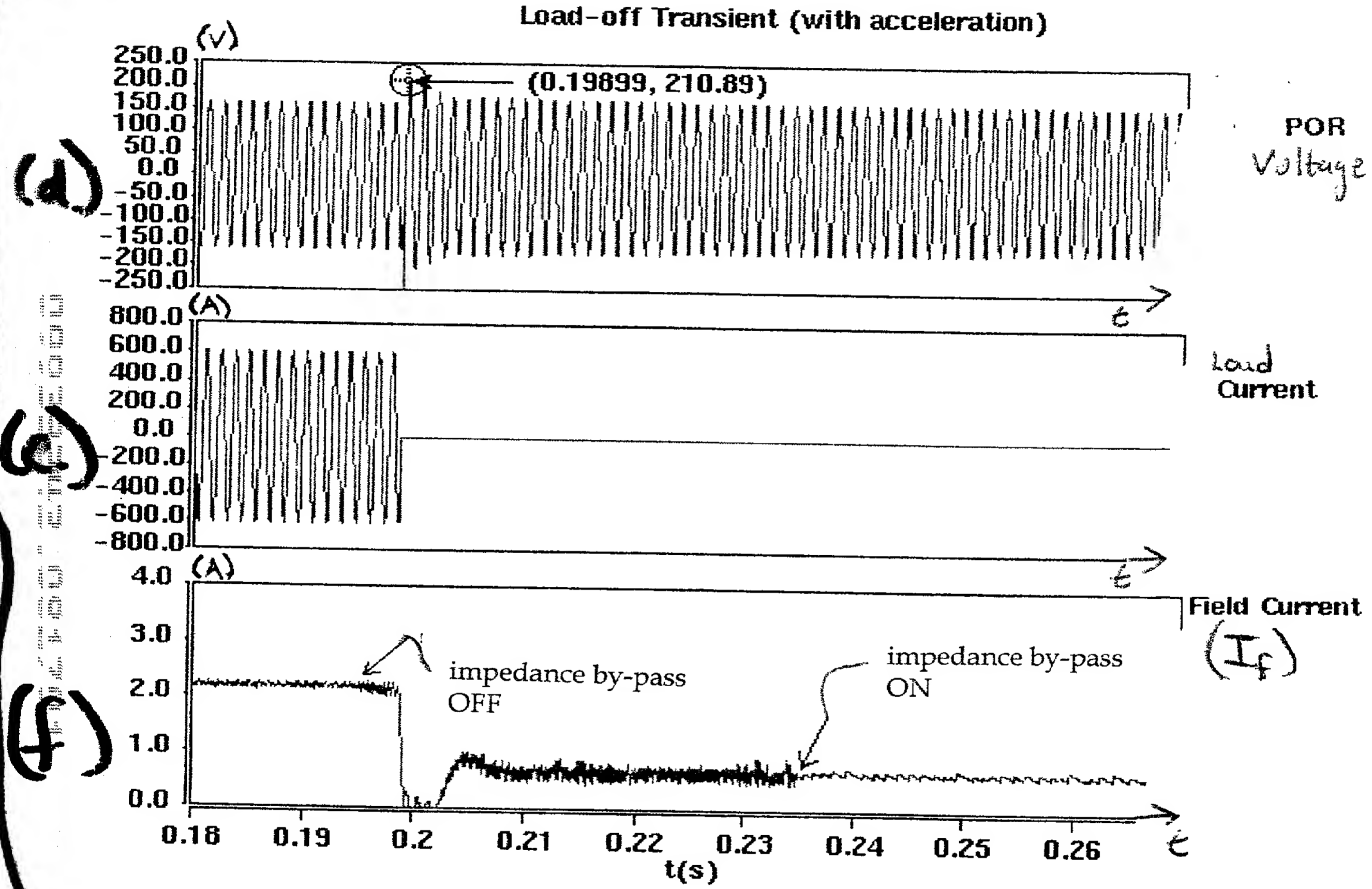


FIG. 4B